



Alpha-Bio Tec

NeO—simple, reliable and state-of-the-art

The NeO dental implant system from Alpha-Bio Tec, a leading developer and manufacturer of innovative implants, prosthetics and related products, continues to enjoy global success. NeO quickly gained popularity amongst leading dental professionals for its state-of-the-art technology, reliability and simplicity. The NeO presents a range of advanced design features, including a unique coronal cutting flute, innovative shape of variable threads combined with two microthreads and a patented centering feature of the apical part. The state-of-the-art design enhances the implant's distinct clinical benefits: high and firm primary engagement, reduced pressure on the cortical plate, easy penetration and long-term aesthetic results. With primary stability

enhancers matched with bone stress reduction elements, NeO is powerful and, yet, remarkably gentle to the bone. Three connections are available: a standard conical connection for implant diameters of 3.75, 4.2 and 5.0 mm, a narrow conical hex connection for diameters of 3.2 and 3.5 mm and a standard internal hex connection for diameters of 3.75, 4.2 and 5.0 mm. The complete NeO system is compatible with standard prosthetic solutions for screw-retained, cement-retained and digital restorations.

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Straumann

BLX implant system now available in Europe

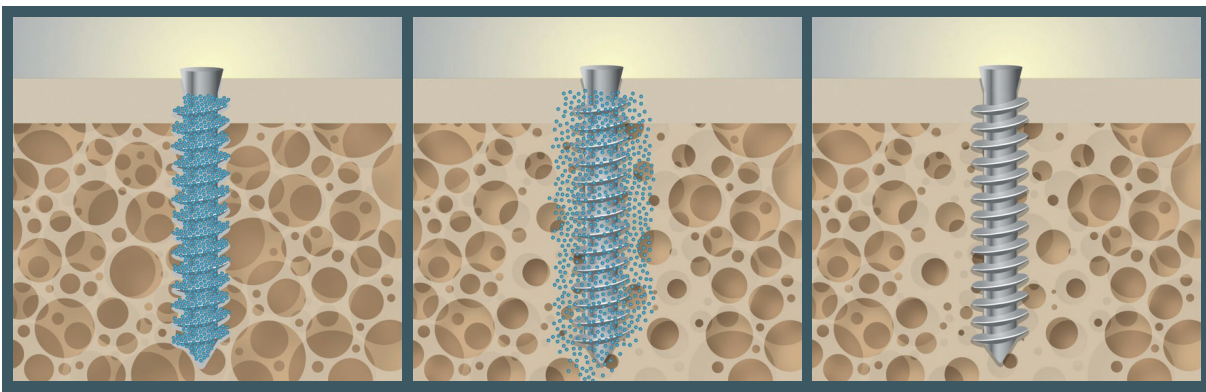
Straumann is now offering its new BLX implant system across Europe. The new implant system fills the gap in the company's premium portfolio and addresses the fully-tapered implant segment, which is the fastest-growing sector, now accounting for one in every four implants placed globally. BLX has been designed for immediacy protocols. It is also an appropriate solution for all other treatment protocols—from immediate to conventional placement and loading. The intelligent implant concept allows for Straumann Dynamic Bone Management and is designed to achieve predictable results in all bone types. "Short and reliable protocols are a common wish of a growing number of patients and dentists. Consequently, Straumann wanted to

create a tailor-made answer to these needs that is well above the known standard," said Frank Hemm, Executive Vice President of Marketing and Education at the Straumann Group. BLX combines the high-performance Roxolid metal alloy and a SLActive surface for optimised primary stability. The result is an implant system that offers new levels of confidence—for immediacy and beyond.

Institut Straumann AG
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From left: Marcel Obrecht (Senior Global Product Manager at Straumann) and Frank Hemm (Executive Vice President of Marketing and Education) present the new implant system BLX at IDS 2019.





AddBIO

Zolidd®—a protein multi-layer coating for implants

The Zolidd coating is applied to the implant after its conventional machining and cleaning processes have been completed. The implant is then packaged, labelled, and sterilised, reaching the surgeon in ready-to-use condition. The use of a protein coating ensures that bisphosphonate is available in the local bone environment immediately after implantation. Having a high affinity for bone, the bisphosphonate remains localised to the bone around the implant, strengthening it, and thus, improving implant stability. Better implant stability, in turn, results in better implant function and fewer complication risks. Consisting of nanometre-thin multi-layers, the coating does not interfere

with the function of the implant. Every dental implant available on the market can be coated and implantation techniques do not need to be changed when working with Zolidd. Ulf Sewerin, CEO of AddBIO, commented, “Our Zolidd coating facilitates the long-term success of implant restorations by strengthening the bone.”

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CAMLOG

Reliable high initial stability with new PROGRESSIVE-LINE



For modern implant concepts such as immediate restoration or loading, a reliable high initial stability is mandatory. The current concepts in market for immediacy are mainly niche implants, suitable for specific situations or bone types only. The geometry of the new PROGRESSIVE-LINE implants, however, was developed to be an implant suitable for all indications with predictable

results and increased primary stability. Available as CONELOG® implant—a real bone level implant with conical connection and integrated platform switch—or as a CAMLOG® implant for prosthetic ease using the renowned tube-in-tube connection, both options allow to reach high initial stability especially in soft bone. A highly efficient drill protocol offers maximum flexibility to safely place the implant according to the needs of the treatment plan—without requiring additional tools or tap. Well thought-out features make the practitioner feel at ease with all clinical standard treatments but specially assists him in critical clinical situations, for example

in the case of limited bone height. The PROGRESSIVE-LINE features down to the apex, making it ideal for immediate implantation. In addition, a coronal anchorage thread allows for improved stability in reduced bone height. Additional features encompass a broadened thread height, and a parallel-walled section for flexibility of the vertical position.

CAMLOG
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MIS

CONNECT abutment system for a screw-retained solution

MIS has released the versatile CONNECT abutment system, which is suited for multi- or single-unit restorations in both digital and conventional procedures. It can also be used for provisional or final prosthetic restorations. The new abutment system is convenient, easy to use, and has advantages over other screw-retained systems that are currently available. Tali Jacoby, Implants Product Manager at MIS, says about the new CONNECT system: "It is a One Time Abutment, which enables a prosthetic procedure above the connective tissue level, distancing the micromovements from the bone." CONNECT allows for a broader range of screw-retained prosthetics in the aesthetic zone and is suited for one- and two-stage procedures. It supports long-term



biological stability by increasing the distance from the bone and providing an ultimate seal. Dr David Norre, who has been using CONNECT since its release, says: "I think the most important reason I use the CONNECT is because I can avoid repeated disruption of the soft tissue, which reduces the risk of bacteria entering the site." This provides his patients with a safe and predictable solution and an aesthetic result.

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breident medical

Ultra-short implant for numerous prosthetic solutions

With new prosthetic components for the ultra-short copaSKY titanium implant, breident medical offers additional treatment options to patients with reduced bone quantity. The specialist for high-quality prosthetic solutions again relies on the high-performance polymer BioHPP. The ceramic-reinforced material absorbs masticatory forces which would otherwise act directly on the implant. Suited for the digital workflow, prefabricated BioHPP abutments are available in a straight and a 17.5° angled design. The exso ("extended solution") abutment line, in which the impression abutment is also the definitive abutment, allows dentists to work efficiently and cost-effectively. exso allows precise closed impres-

sion taking of straight and angled implants with an impression cap. Technicians use exso abutments as definitive abutments after creating the model. In addition to the popular uni.cone line, breident medical now also offers bridge and bar abutments for the ultra-short copaSKY. These allow to screw bonded bridges directly into the implant—even with divergence compensation of 20°.

breident medical GmbH & Co. KG
Weißenhörner Straße 2
89250 Senden, Germany
www.breident-medical.com



Nobel Biocare

NobelPearl now available in the USA

Nobel Biocare has received FDA approval to market NobelPearl in the USA. A unique alternative to titanium, the two-piece ceramic implant solution has been designed to support a natural soft-tissue appearance. It is especially beneficial in patients with a thin mucosal biotype.

NobelPearl is metal-free and comes with a cement-free internal connection made possible by the innovative VICARBO® screw made of carbon-fibre reinforced polymer. The thread design and tapered implant shape combined with the tapered drill protocol, have been engineered to achieve high primary stability. The hydro-

philic sand-blasted and acid-etched ZERAFIL™ surface, combined with a partially machined collar, is further proven to osseointegrate. NobelPearl follows a range of well-established workflows for two-piece implants and is integrated into Nobel Biocare's digital workflow. Clinicians seeking a successful start in ceramic implantology can gain peace-of-mind with this new solution.

Nobel Biocare Services AG
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TBR Dental

Graftek® Neo: the new partner of bone regeneration

Graftek Neo is a synthetic two-phase bone substitute composed of 60 per cent hydroxyapatite (HA) and 40 per cent beta-tricalcium phosphate (β-TCP), with a unique micro- and macroporous structure that closely resembles the architecture of natural human bone. Soluble and resorbable, it gradually dissolves in the body, promoting new bone formation through the release of calcium and phosphate ions. In time, the porous structure is completely infiltrated and replaced with healthy, viable bone. Depending on the case to be treated, Graftek Neo is available in granule and putty versions. Developed to facilitate handling of the product during surgery, Graftek Neo Putty adapts to all forms of grafting sites. It consists of a mixture of biphasic calcium phosphate granules and a hydrogel in a syringe. Graftek Neo Putty preserves the initial shape and volume of the site. It is gradually absorbed to be replaced by vital bone.



TBR Dental Group
24 Impasse René Couzinet
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www.tbr.dental

Bicon

Implants driven by simplicity

The SHORT Implants line of the US-American company Bicon perfectly embraces their core philosophy of simplicity. When the Bicon system was first introduced in 1985, its implants with lengths of 8mm were considered quite short in comparison to most other implants, which had lengths of at least 12 to 14 mm or 18 to 20 mm. Since then, the natural



progression of Bicon's design philosophy has resulted in 5 and 6.0 mm SHORT Implants, all with proven clinical success.

Bicon
501 Arborway
Boston, MA 02130, USA
www.bicon.com

Dentsply Sirona Implants

Azento and Acuris—innovations in single tooth solutions



Azento and Acuris help implant dentistry professionals with one of their most common indications—single tooth replacement. These new products are developed around the implant systems Astra Tech Implant System, Ankylos and Xive, which are clinically proven and provide long-term functional and aesthetic solutions for patients worldwide. Azento streamlines the implant planning, purchasing and delivery for single tooth replacement. For clinicians, this custom implant solution increases convenience, seamlessly and efficiently connects with qualified laboratories, and enables excellent results for patients. Acuris redefines fixed retention and represents the best of two worlds: a retention that is removable for the dentist but is fixed for the patient. Acuris is based on a conometric concept that uses friction instead of a screw or cement to secure the crown and the cap to the abutment in the final prosthetic part of the implant treatment. This new solution saves time, improves predictability and ensures high-quality results in the clinic, while improving the workflow in the lab.

Dentsply Sirona Implants
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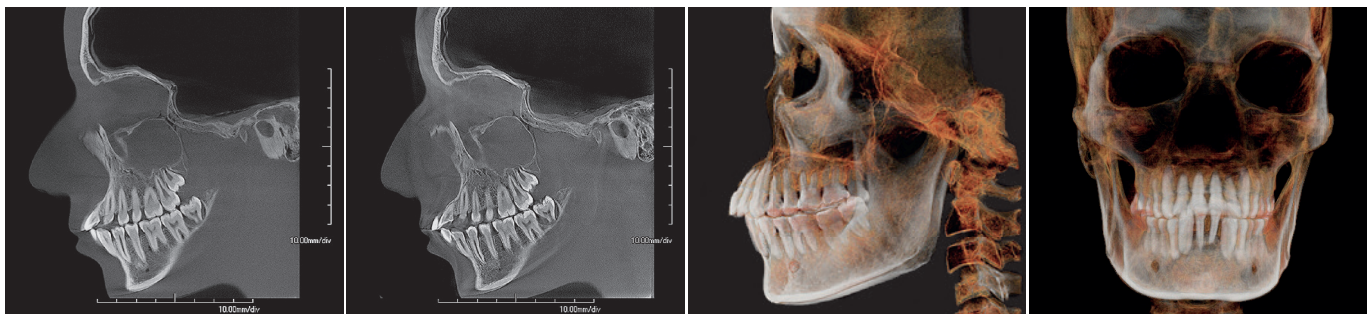
PreXion

High 3D image quality with low radiation exposure

In many of today's 3D-imaging systems high picture quality is usually accompanied by high radiation exposure. Developed specifically for the European and US-American market, the new CBCT system PreXion3D EXPLORER offers the highest possible imaging quality at the lowest possible radiation levels. With a specifically controllable pulse generator, X-ray radiation is only generated when necessary for achieving high imaging quality. The small focal spot of 0.3 mm, as well as a voxel size of only 75 µm allow for an incredibly detailed visualisation of even the finest hard- and soft-tissue structures in Ultra HD. With the 3D analysis function, field of view (FOV) sizes of 50 x 50 mm,

150 x 80 mm and 150 x 160 mm can be generated, offering numerous flexible diagnostic options for oral surgery, implantology, periodontology, endodontics, orthodontics, and general dentistry. The PreXion3D EXPLORER convinces with easy handling and extensive planning programmes, covering the entire range of indications.

PreXion (Europe) GmbH
Stahlstraße 42
65428 Rüsselsheim, Germany
www.prexion.eu



100 µm voxel size.

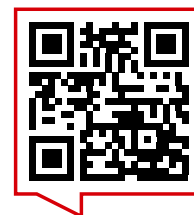
75 µm voxel size (PreXion3D EXPLORER). 3D image with a 150 x 160 mm field of view.

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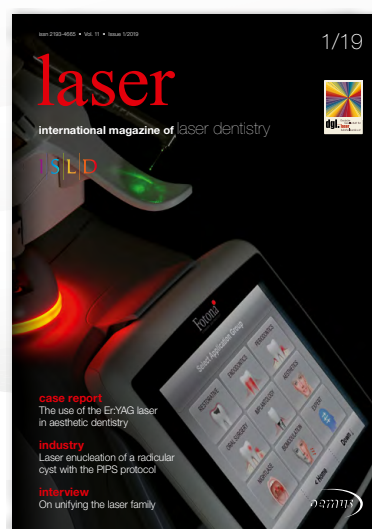


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